IC100
MN6755486AH

IC101
SC371025AVFU

IC104
MN13821-STX

IC105
TC7W04FUTL

IC110
XC62AP3002PL

IC103
UPC4556G2-T1

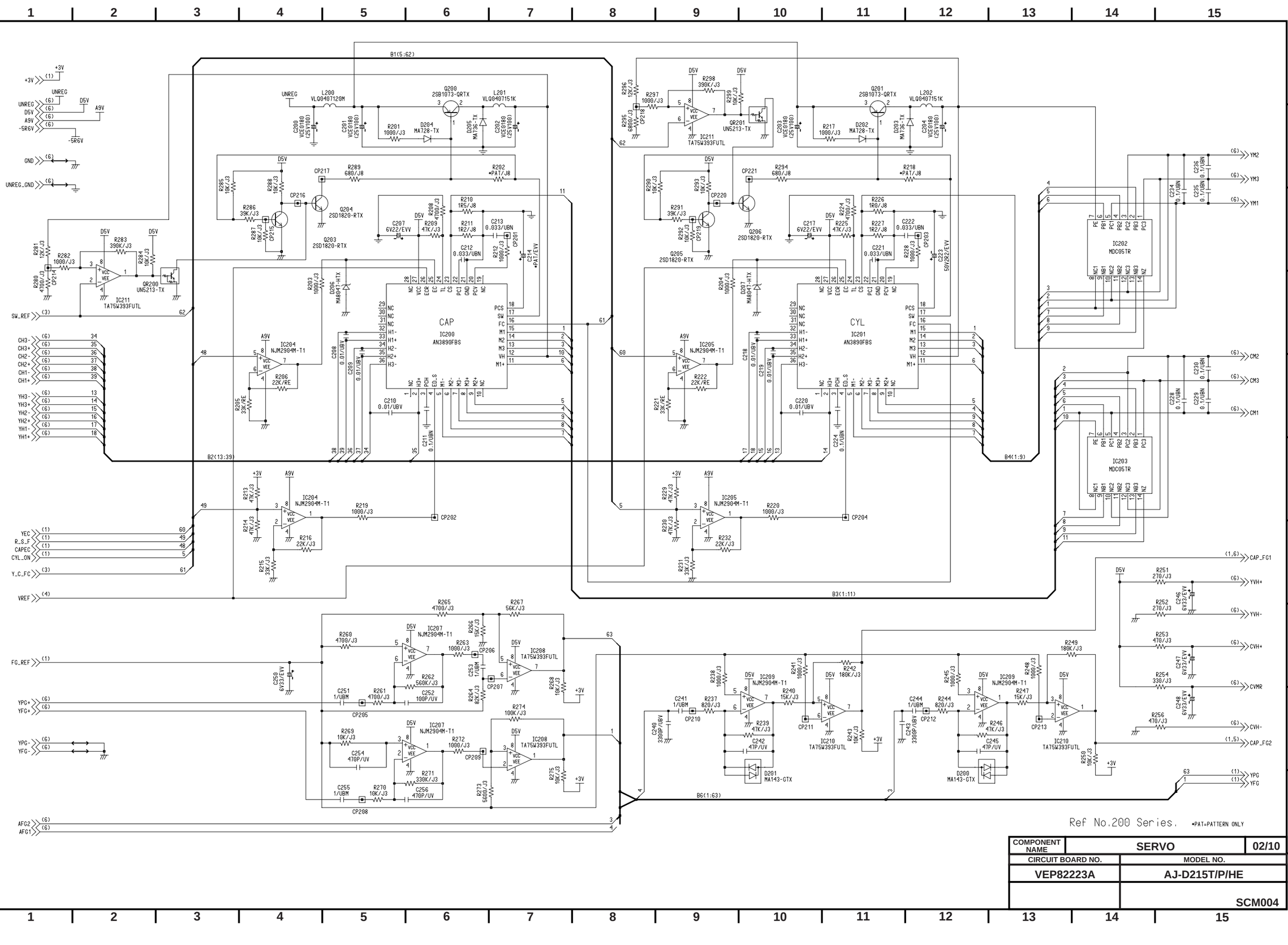
A1(1:129)

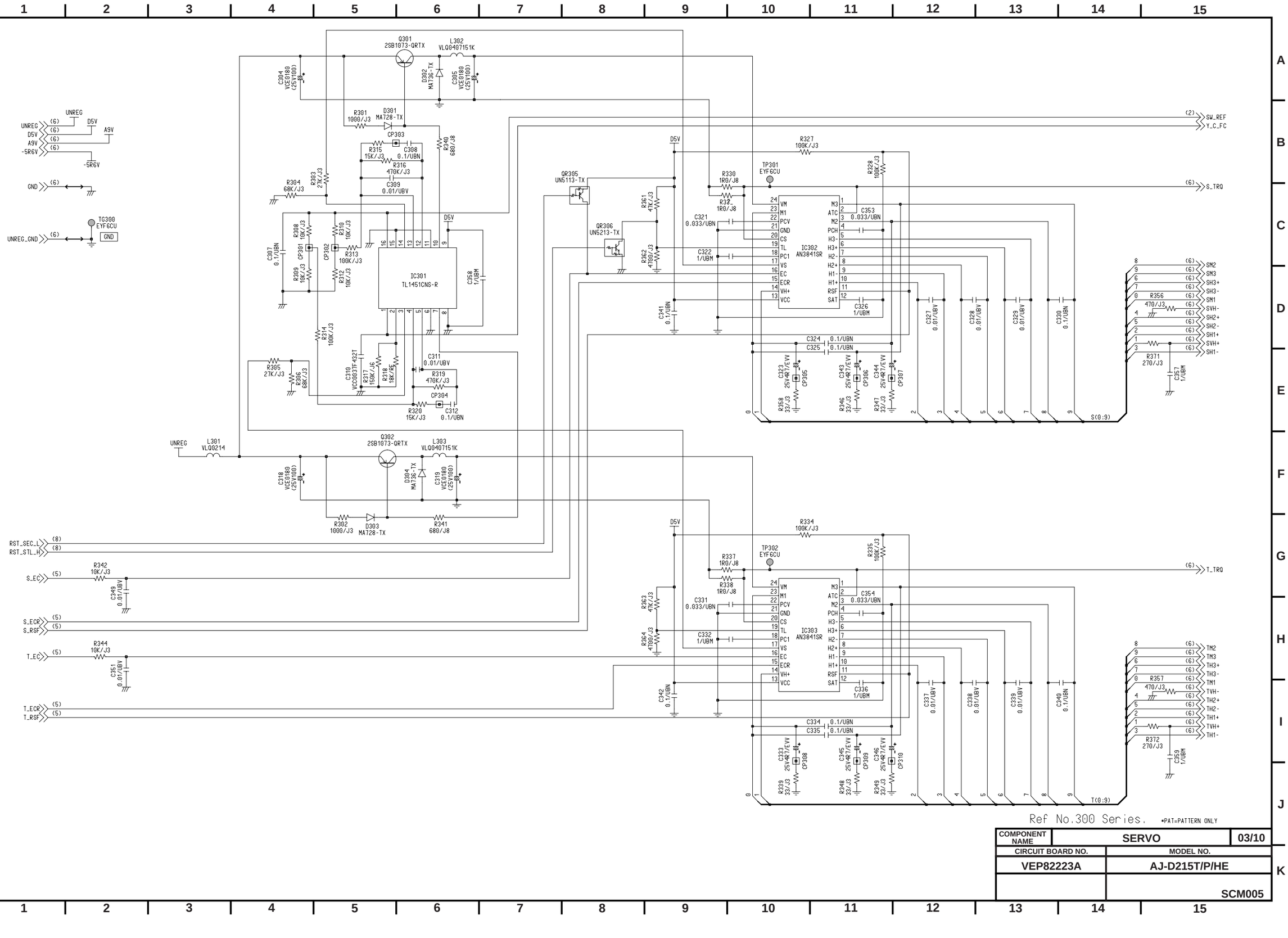
A2(7:59)

A3(2:130)

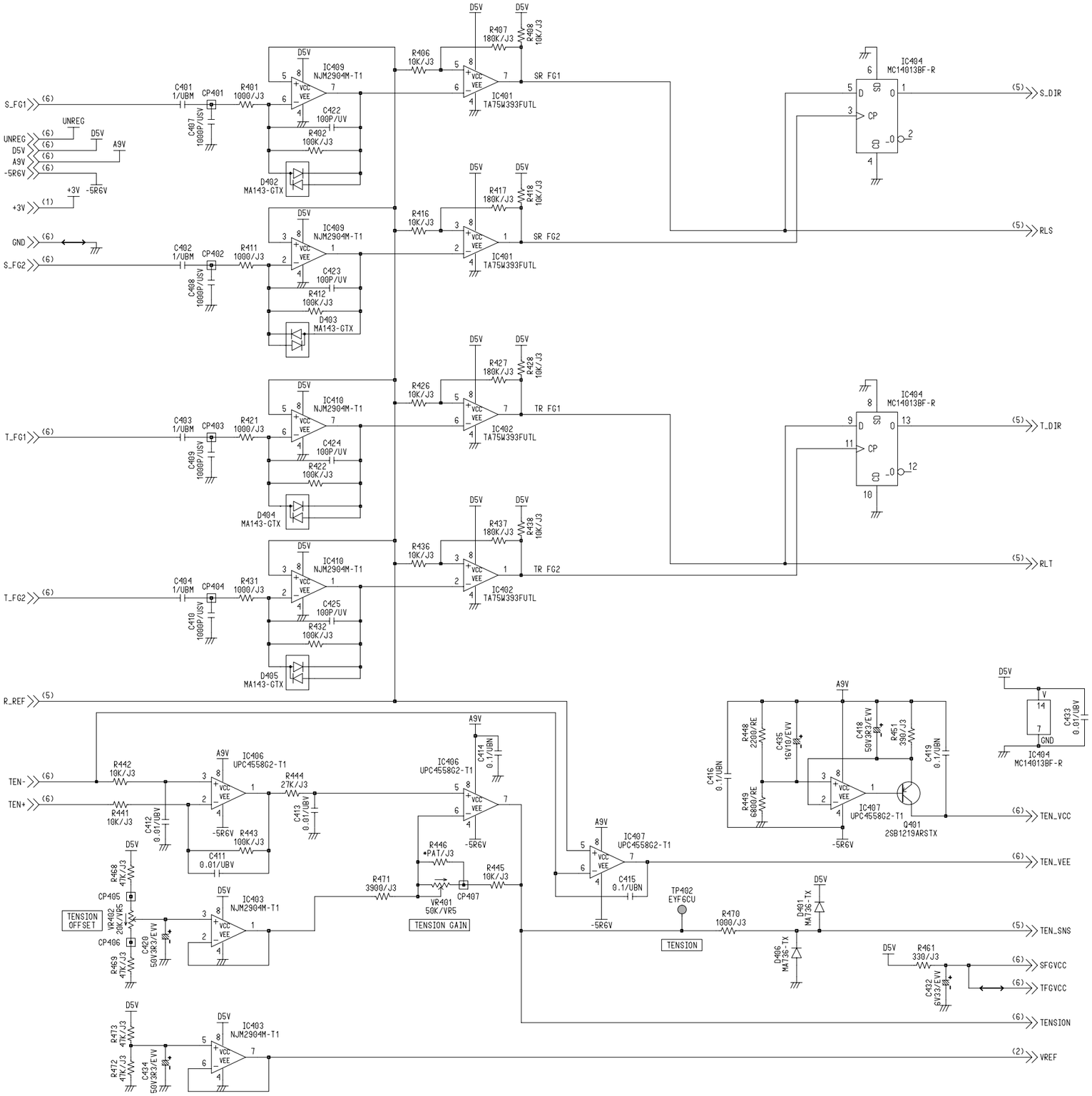
Ref No.100 Series. *PAT=PATTERN ONLY

COMPONENT NAME	SERVO	01/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP82223A	AJ-D215T/P/HE	
		SCM003


Ref No.200 Series.
*PAT=PATTERN ONLY
COMPONENT NAME
SERVO
02/10
CIRCUIT BOARD NO.
VEP82223A
MODEL NO.
AJ-D215T/P/HE
SCM004



COMPONENT NAME	SERVO	03/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP82223A	AJ-D215T/P/HE	
		SCM005



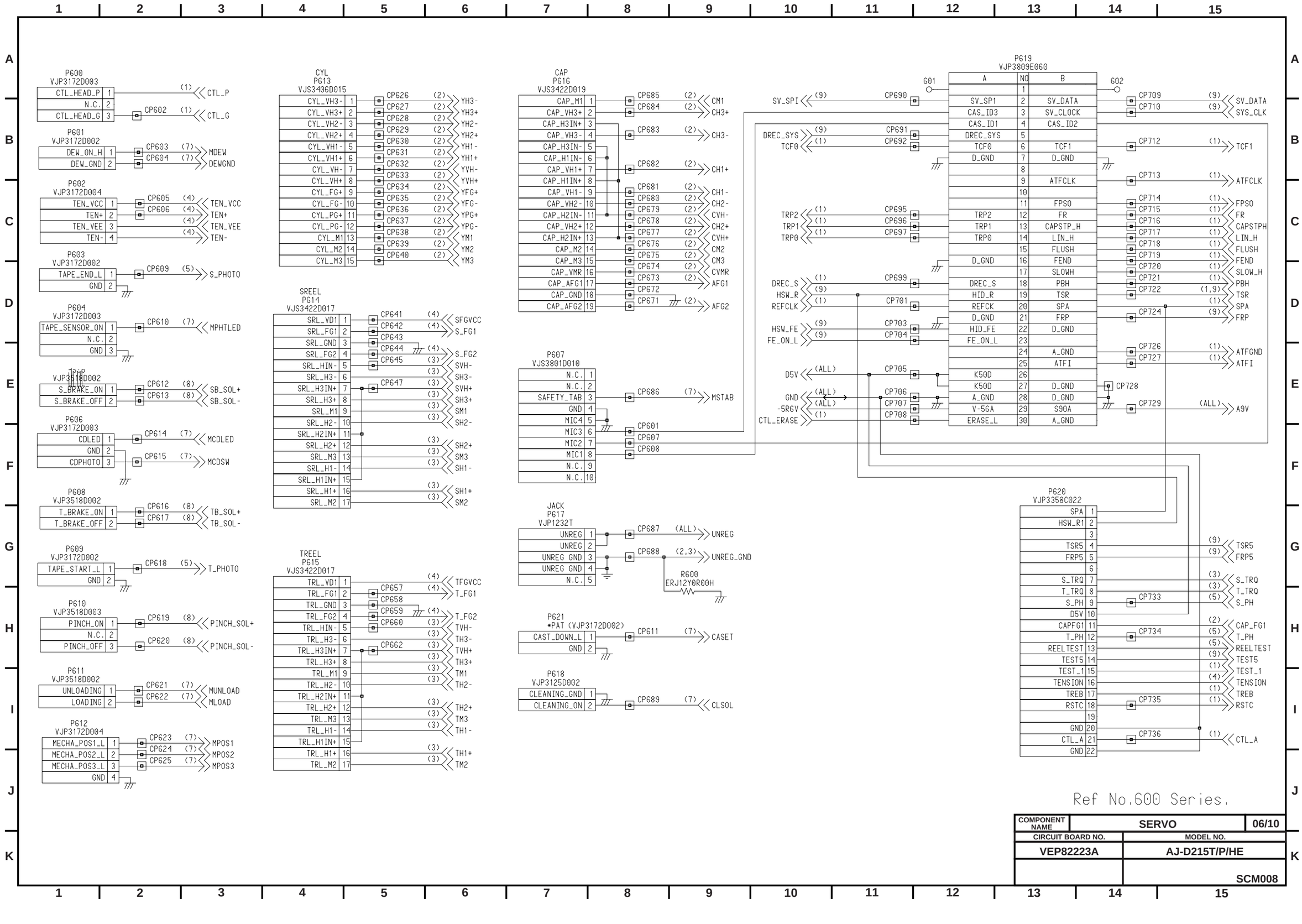
Ref No.400 Series. •PAT=PATTERN ONLY

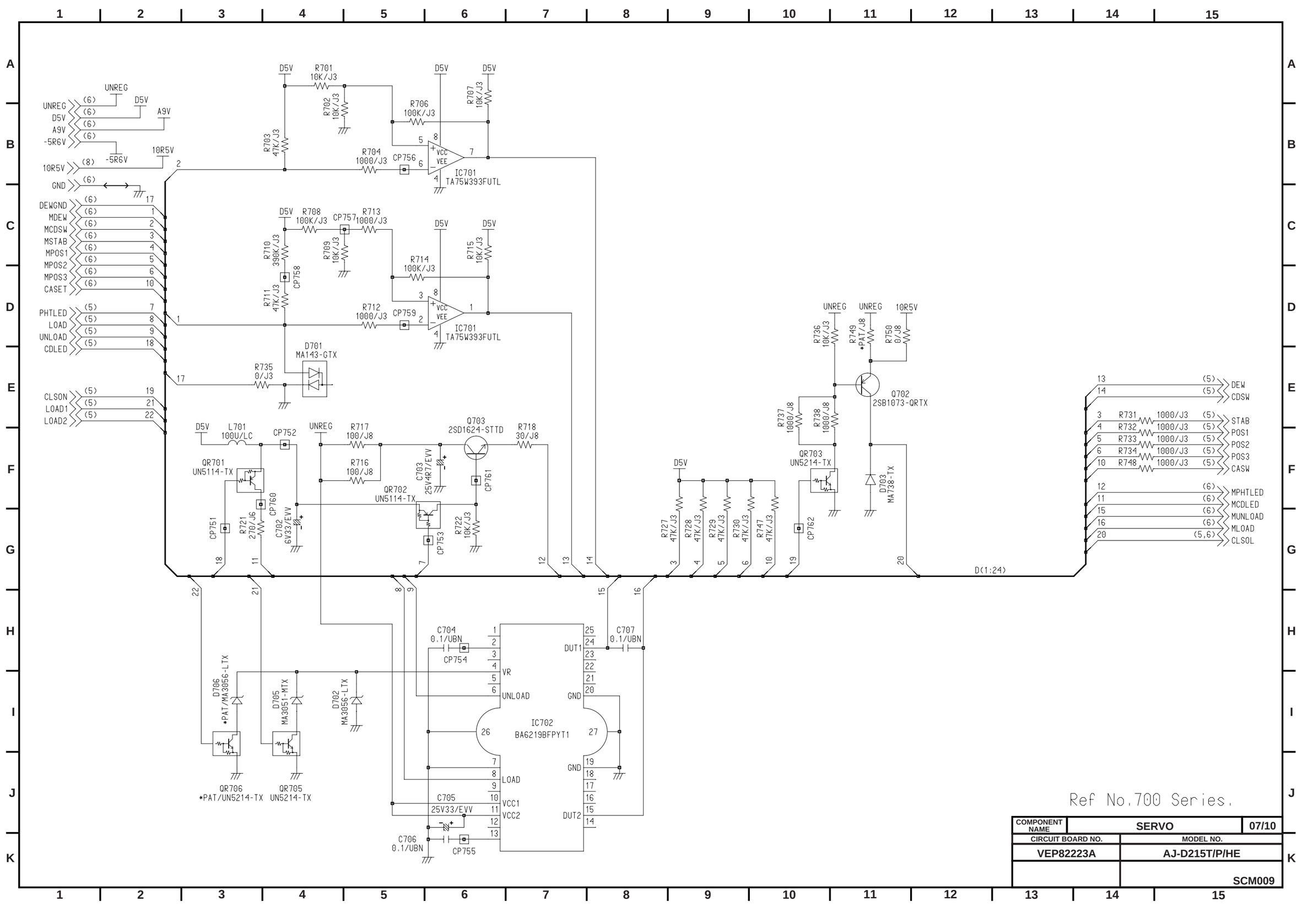
COMPONENT NAME	SERVO	04/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP82223A	AJ-D215T/P/HE	
	SCM006	

IC501
MN6755486AJ

Ref No.500 Series. •PAT=PATTERN ONLY

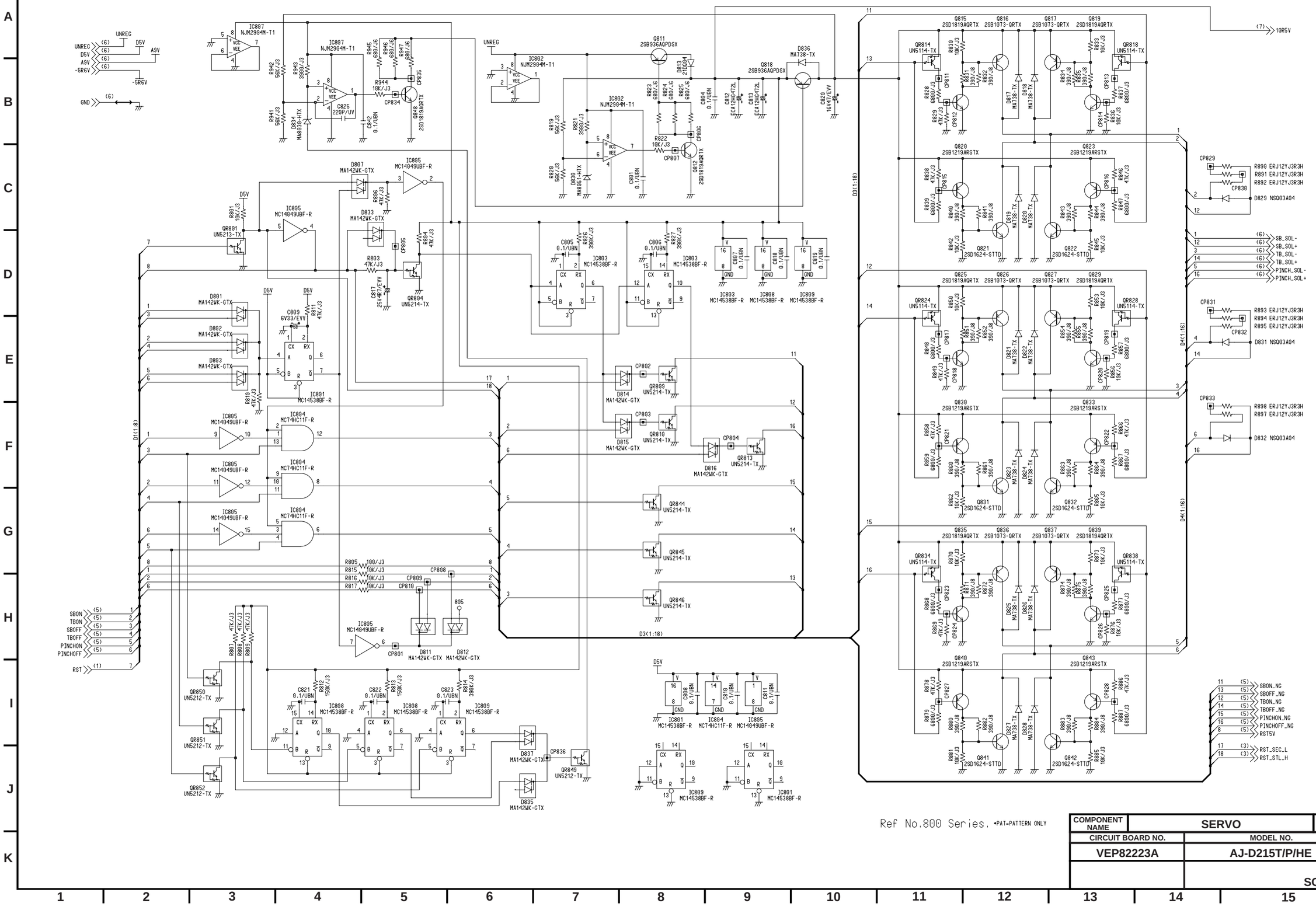
COMPONENT NAME	SERVO	05/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP82223A	AJ-D215T/P/HE	
	SCM007	


P600
VJP3172D003
CTL_HEAD_P 1
N.C. 2
CTL_HEAD_G 3
(1) CTL_P
CP602 (1) CTL_G
P601
VJP3172D002
DEW_ON_H 1
DEW_GND 2
CP603 (7) MDEW
CP604 (7) DEWGND
P602
VJP3172D004
TEN_VCC 1
TEN+ 2
TEN_VEE 3
TEN- 4
CP605 (4) TEN_VCC
CP606 (4) TEN+
(4) TEN_VEE
(4) TEN-
P603
VJP3172D002
TAPE_END_L 1
GND 2
CP609 (5) S_PHOTO
P604
VJP3172D003
TAPE_SENSOR_ON 1
N.C. 2
GND 3
CP610 (7) MPHTLED
P605
VJP3518D002
S_BRAKE_ON 1
S_BRAKE_OFF 2
CP612 (8) SB_SOL+
CP613 (8) SB_SOL-
P606
VJP3172D003
CDLED 1
GND 2
CDPHOTO 3
CP614 (7) MCDLED
CP615 (7) MCDSW
P608
VJP3518D002
T_BRAKE_ON 1
T_BRAKE_OFF 2
CP616 (8) TB_SOL+
CP617 (8) TB_SOL-
P609
VJP3172D002
TAPE_START_L 1
GND 2
CP618 (5) T_PHOTO
P610
VJP3518D003
PINCH_ON 1
N.C. 2
PINCH_OFF 3
CP619 (8) PINCH_SOL+
CP620 (8) PINCH_SOL-
P611
VJP3518D002
UNLOADING 1
LOADING 2
CP621 (7) MUNLOAD
CP622 (7) MLOAD
P612
VJP3172D004
MECHA_POS1_L 1
MECHA_POS2_L 2
MECHA_POS3_L 3
GND 4
CP623 (7) MPOS1
CP624 (7) MPOS2
CP625 (7) MPOS3
CYL
P613
VJS3406D015
CYL_VH3- 1
CYL_VH3+ 2
CYL_VH2- 3
CYL_VH2+ 4
CYL_VH1- 5
CYL_VH1+ 6
CYL_VH- 7
CYL_VH+ 8
CYL_FG+ 9
CYL_FG- 10
CYL_PG+ 11
CYL_PG- 12
CYL_M1 13
CYL_M2 14
CYL_M3 15
CP626 (2) YH3-
CP627 (2) YH3+
CP628 (2) YH2-
CP629 (2) YH2+
CP630 (2) YH1-
CP631 (2) YH1+
CP632 (2) YVH-
CP633 (2) YVH+
CP634 (2) YFG+
CP635 (2) YFG-
CP636 (2) YPG+
CP637 (2) YPG-
CP638 (2) YM1
CP639 (2) YM2
CP640 (2) YM3
SREEL
P614
VJS3422D017
SRL_VD1 1
SRL_FG1 2
SRL_GND 3
SRL_FG2 4
SRL_HIN- 5
SRL_H3- 6
SRL_H3IN+ 7
SRL_H3+ 8
SRL_M1 9
SRL_H2- 10
SRL_H2IN+ 11
SRL_H2+ 12
SRL_M3 13
SRL_H1- 14
SRL_H1IN+ 15
SRL_H1+ 16
SRL_M2 17
CP641 (4) SFGVCC
CP642 (4) S_FG1
CP643
CP644 (4) S_FG2
CP645 (3) SVH-
(3) SH3-
CP647 (3) SVH+
(3) SH3+
(3) SM1
(3) SH2-
(3) SH2+
(3) SM3
(3) SH1-
(3) SH1+
(3) SM2
TREEL
P615
VJS3422D017
TRL_VD1 1
TRL_FG1 2
TRL_GND 3
TRL_FG2 4
TRL_HIN- 5
TRL_H3- 6
TRL_H3IN+ 7
TRL_H3+ 8
TRL_M1 9
TRL_H2- 10
TRL_H2IN+ 11
TRL_H2+ 12
TRL_M3 13
TRL_H1- 14
TRL_H1IN+ 15
TRL_H1+ 16
TRL_M2 17
(4) TFGVCC
CP657 (4) T_FG1
CP658
CP659 (4) T_FG2
CP660 (3) TVH-
(3) TH3-
CP662 (3) TVH+
(3) TH3+
(3) TM1
(3) TH2-
(3) TH2+
(3) TM3
(3) TH1-
(3) TH1+
(3) TM2
CAP
P616
VJS3422D019
CAP_M1 1
CAP_VH3+ 2
CAP_H3IN+ 3
CAP_VH3- 4
CAP_H3IN- 5
CAP_H1IN- 6
CAP_VH1+ 7
CAP_H1IN+ 8
CAP_VH1- 9
CAP_VH2- 10
CAP_H2IN- 11
CAP_VH2+ 12
CAP_H2IN+ 13
CAP_M2 14
CAP_M3 15
CAP_VMR 16
CAP_AFG1 17
CAP_GND 18
CAP_AFG2 19
CP685 (2) CM1
CP684 (2) CH3+
CP683 (2) CH3-
CP682 (2) CH1+
CP681 (2) CH1-
CP680 (2) CH2-
CP679 (2) CVH-
CP678 (2) CH2+
CP677 (2) CVH+
CP676 (2) CM2
CP675 (2) CM3
CP674 (2) CVMR
CP673 (2) AFG1
CP672
CP671 (2) AFG2
P607
VJS3801D010
N.C. 1
N.C. 2
SAFETY_TAB 3
GND 4
MIC4 5
MIC3 6
MIC2 7
MIC1 8
N.C. 9
N.C. 10
CP686 (7) MSTAB
CP601
CP607
CP608
JACK
P617
VJP1232T
UNREG 1
UNREG 2
UNREG GND 3
UNREG GND 4
N.C. 5
CP687 (ALL) UNREG
CP688 (2,3) UNREG_GND
R600
ERJ12Y0R00H
P621
*PAT (VJP3172D002)
CAST_DOWN_L 1
GND 2
CP611 (7) CASET
P618
VJP3125D002
CLEANING_GND 1
CLEANING_ON 2
CP689 (7) CLSOL
P619
VJP3809E060
A NO B
SV_SP1 2 SV_DATA
CAS_ID3 3 SV_CLOCK
CAS_ID1 4 CAS_ID2
DREC_SYS 5
TCF0 6 TCF1
D_GND 7 D_GND
8
ATFCLK 9
10
FPSO 11
TRP2 12 FR
TRP1 13 CAPSTP_H
TRP0 14 LIN_H
15 FLUSH
D_GND 16 FEND
17 SLOWH
DREC_S 18 PBH
HID_R 19 TSR
REFCK 20 SPA
D_GND 21 FRP
HID_FE 22 D_GND
FE_ON_L 23
24 A_GND
25 ATFI
K50D 26
K50D 27 D_GND
A_GND 28 D_GND
V-56A 29 S90A
ERASE_L 30 A_GND
601
602
SV_SPI (9) CP690
DREC_SYS (9) CP691
TCF0 (1) CP692
TRP2 (1) CP695
TRP1 (1) CP696
TRP0 (1) CP697
DREC_S (1) CP699
HSW_R (9)
REFCLK (1) CP701
HSW_FE (9) CP703
FE_ON_L (9) CP704
D5V (ALL) CP705
GND (ALL) CP706
-5R6V (ALL) CP707
CTL_ERASE (1) CP708
CP709 (9) SV_DATA
CP710 (9) SYS_CLK
CP712 (1) TCF1
CP713 (1) ATFCLK
CP714 (1) FPSO
CP715 (1) FR
CP716 (1) CAPSTPH
CP717 (1) LIN_H
CP718 (1) FLUSH
CP719 (1) FEND
CP720 (1) SLOW_H
CP721 (1) PBH
CP722 (1,9) TSR
(1) SPA
CP724 (9) FRP
CP726 (1) ATFGND
CP727 (1) ATFI
CP728
CP729 (ALL) A9V
P620
VJP3358C022
SPA 1
HSW_R1 2
3
TSR5 4
FRP5 5
6
S_TRQ 7
T_TRQ 8
S_PH 9
D5V 10
CAPFG1 11
T_PH 12
REELTEST 13
TEST5 14
TEST_1 15
TENSION 16
TREB 17
RSTC 18
19
GND 20
CTL_A 21
GND 22
(9) TSR5
(9) FRP5
(3) S_TRQ
(3) T_TRQ
(5) S_PH
CP733
(2) CAP_FG1
CP734 (5) T_PH
(5) REELTEST
(9) TEST5
(1) TEST_1
(4) TENSION
(1) TREB
CP735 (1) RSTC
CP736 (1) CTL_A
Ref No.600 Series.
COMPONENT NAME
SERVO
06/10
CIRCUIT BOARD NO.
VEP82223A
MODEL NO.
AJ-D215T/P/HE
SCM008



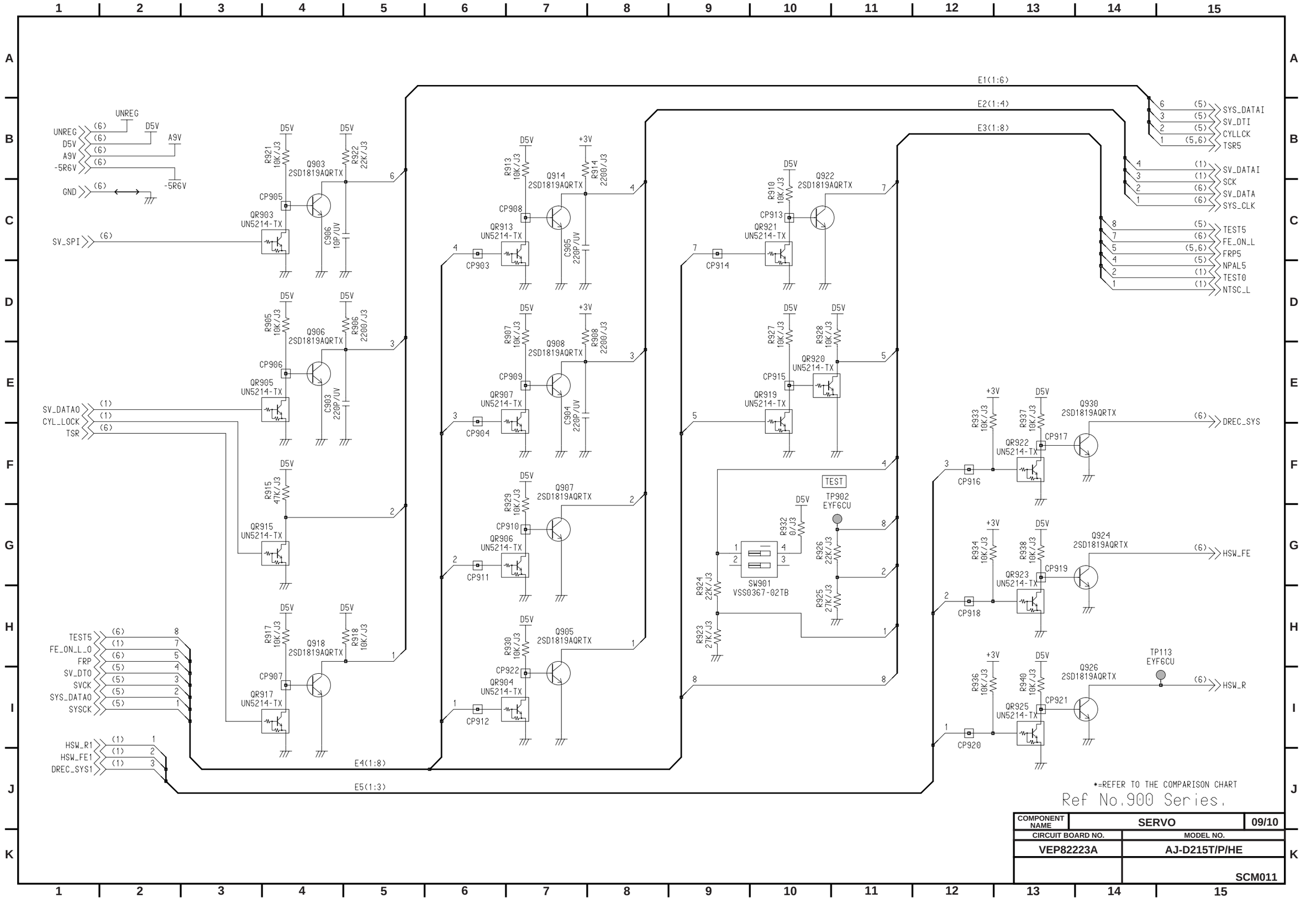
Ref No.700 Series.

COMPONENT NAME	SERVO	07/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP82223A	AJ-D215T/P/HE	
	SCM009	



Ref No.800 Series. *PAT=PATTERN ONLY

COMPONENT NAME	SERVO	08/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP82223A	AJ-D215T/P/HE	
		SCM010


UNREG
D5V
A9V
-5R6V
GND
SV_SPI
SV_DATA0
CYL_LOCK
TSR
TEST5
FE_ON_L_O
FRP
SV_DTO
SVCK
SYS_DATA0
SYSCK
HSW_R1
HSW_FE1
DREC_SYS1
E1(1:6)
E2(1:4)
E3(1:8)
E4(1:8)
E5(1:3)
SYS_DATAI
SV_DTI
CYLLCK
TSR5
SV_DATAI
SCK
SV_DATA
SYS_CLK
TEST5
FE_ON_L
FRP5
NPAL5
TEST0
NTSC_L
DREC_SYS
HSW_FE
HSW_R
TEST
TP902 EYF6CU
TP113 EYF6CU
SW901 VSS0367-02TB
Q903 2SD1819AQRTX
Q906 2SD1819AQRTX
Q915 2SD1819AQRTX
Q918 2SD1819AQRTX
Q914 2SD1819AQRTX
Q908 2SD1819AQRTX
Q907 2SD1819AQRTX
Q905 2SD1819AQRTX
Q922 2SD1819AQRTX
Q920 2SD1819AQRTX
Q930 2SD1819AQRTX
Q924 2SD1819AQRTX
Q926 2SD1819AQRTX
QR903 UN5214-TX
QR905 UN5214-TX
QR915 UN5214-TX
QR917 UN5214-TX
QR913 UN5214-TX
QR907 UN5214-TX
QR906 UN5214-TX
QR904 UN5214-TX
QR921 UN5214-TX
QR919 UN5214-TX
QR922 UN5214-TX
QR923 UN5214-TX
QR925 UN5214-TX
CP905 CP906 CP907 CP903 CP909 CP904 CP910 CP911 CP908 CP914 CP913 CP915 CP916 CP917 CP918 CP919 CP920 CP921 CP912 CP922
C906 10P/UV
C903 220P/UV
C905 220P/UV
C904 220P/UV
R921 10K/J3
R922 22K/J3
R905 10K/J3
R906 2200/J3
R915 47K/J3
R917 10K/J3
R918 10K/J3
R913 10K/J3
R914 2200/J3
R907 10K/J3
R908 2200/J3
R929 10K/J3
R930 10K/J3
R910 10K/J3
R927 10K/J3
R928 10K/J3
R932 0/J3
R924 22K/J3
R926 22K/J3
R925 27K/J3
R923 27K/J3
R933 10K/J3
R937 10K/J3
R934 10K/J3
R938 10K/J3
R936 10K/J3
R940 10K/J3
*=REFER TO THE COMPARISON CHART
Ref No.900 Series.
COMPONENT NAME
SERVO
09/10
CIRCUIT BOARD NO.
MODEL NO.
VEP82223A
AJ-D215T/P/HE
SCM011

C1(1:132) (2)

C2(6:132) (2)

D5V

P2
VJP3949C080H

A	NO	B
GND	1	GND
GND	2	GND
CAPFG	3	VRI_M
GND	4	R_REF
VDD	5	GND
S_EC	6	TSR5
T_EC	7	GND
VDD	8	RLT
TEN_SNS	9	RLS
CLE_NG	10	FRP5
SOL_NG	11	GND
GND	12	S_RSF
CDSW	13	T_RSF
SPHOTO	14	SVCK
TPHOTO	15	SV_DTI
POS1	16	SV_DTO
POS2	17	SYSCK
POS3	18	SYS_DATAI
STAB	19	SYS_DATAO
GND	20	LOAD2
DEW	21	LOAD1
CASW	22	GND
NPAL5	23	OSCI
TEST5	24	VDD
VDD	25	SYSCK
TSR5	26	CDLED
FRP5	27	PHTLED
GND	28	SVCK
REELTEST	29	CLSON
TESTC2	30	GND
TSR5	31	RST5V
FRP5	32	GND
S_DIR	33	UNLOAD
T_DIR	34	LOAD
CYLLCK	35	PINCHOFF
TESTC3	36	PINCHON
SBON	37	TBOFF
TBON	38	SBOFF
GND	39	GND
GND	40	GND

82
93 CP28
94 CP29
97
98 CP30
99 CP31
102
103
104
105 CP32
106 CP33
107 CP34
108 CP35
113
114
CP36
115
116
126 CP37
127 CP53
1
2
3
4
5 CP38
6 CP54
7
8

CP39 80 79
1
73 72 2
59 58
CP40
CP41 57
CP42 56
CP43 55
CP44 54
CP45 53
CP46 52
CP51 45
CP52 44
40 54
CP47 36
CP48 35
57
CP49 33
CP50 25
14 13 12 11 10 9

C3(40:132) (2)

COMPONENT NAME	SERVO	10/10
CIRCUIT BOARD NO.	MODEL NO.	
VEP82223A	AJ-D215T/P/HE	
	SCM012	